# JavaScript Homework #5

Create a deck of card

A deck of cards consists of 52 cards.

It looks like this:

1 of Spades, 2 of Spades, 3 of Spades,... 13 of Spades.

1 of Hearts, 2 of Hearts, 3 of Hearts, ...13 of Hearts.

1 of Diamonds, 2 of Diamonds, 3 of Diamonds,...13 of Diamonds.

1 of Clubs, 2 of Clubs, 3 of Clubs...13 of Clubs.

1. Initialize the deck of cards programmatically(don’t just hard code).

2. Print out all cards

3. Shuffle cards

4. Print out shuffled cards again

The format of the 1st print out (13 cards per line):

1 of Spades, 2 of Spades, 3 of Spades,... 13 of Spades.

1 of Hearts, 2 of Hearts, 3 of Hearts, ...13 of Hearts.

1 of Diamonds, 2 of Diamonds, 3 of Diamonds,...13 of Diamonds.

1 of Clubs, 2 of Clubs, 3 of Clubs...13 of Clubs.

The format of the 2nd print out (13 cards per line):

- randomize in each color/line

Spades - 10 , Spades - 4, Spades - 11, Spades - 2, ....

Hearts - 5, ...

Diamonds - 6, ...

Clubs - 5, ...

You need to print cards in each color in random order. So there will be 4 lines, each line has 13 cards of same color in a random order.

The format of the 3rd print out (13 cards per line):

- randomize across color / line

Clubs - 5, Diamonds - 2, Spades - 1, Spades - 2, ...

Spades - 10, ...

Hearts - 5, ...

Diamonds - 6, ...

You need to print cards in total random order. So there will be 4 lines, each line has 13 cards that can be in different color in a random order.